



TECHNICAL DATA SHEET

PRELIMINARY

Setal 26-1080

High solids zero HAPs polyester resin

General description:

Setal 26-1080 is a saturated polyester resin intended for use in general industrial metal finishing. This resin is capable of producing very low VOC thermoset coatings. Setal 26-1080 offers excellent cure qualities of hardness, toughness, chemical resistance, gloss, flow and durability.

Technical features:

1. High solids. HAPs free.
2. Excellent hardness / low temperature cure with proper melamine choices.
3. High gloss with good flow and DOI.
4. Good chemical resistance.

Suggested uses:

1. VOC compliant finishes for general industrial metal coatings
2. High solids metal coatings with low temperature cure threshold
3. Modifier to lower VOCs

Delivery form: 90% non-volatile in n-butyl acetate

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	90.0 ± 1.0 (theoretical) 82.0 ± 1.0 (test)	%	1 – 1
Viscosity (77°F)	Z – Z2	Gardner-Holdt	2 – 1
Acid value, on n.v.	10 maximum	mg KOH/gm	5 – 1
Color	5 maximum	Gardner	3 – 1
Appearance	Clean, clear to hazy upon aging; Heat & agitate to clear.		7 – 1

* SDM: Nuplex Resins methods of determination (available on request)

Density: 8.75 ± 0.10 lbs./gal. HEW on solids: 200
Reduced viscosity: K – N @ 80% in n-butyl acetate
Flash point: 81°F Setaflash
Non-volatile, by vol.: 88.1%

On DSL Inventory

Updated: February, 2011

All information, recommendations and suggestions, concerning the product and its use, are believed to be reliable. However, Nuplex Resins gives no assurance as to the accuracy, completeness, or adequacy for a particular purpose. It is the user's responsibility to determine the suitability for its own use of the products. No guarantee (whether expressed or implied) is made by Nuplex Resins as to the results to be obtained from using the described products, nor shall Nuplex Resins be liable for any use by others of the described products. Users are responsible for ensuring compliance with local legislation and obtaining the necessary certifications and authorizations. All orders are subject to the general conditions of sale of Nuplex Resins, which are printed overleaf and/or can be downloaded from www.nuplexresins.com. All of user's general terms and conditions are herewith deemed rejected. Nuplex Resins owns all copyrights and other intellectual property rights in the contents of this document. Reproduction or redistribution in any form is not allowed.